

Product Datasheet

NALP3/CIAS1 Rabbit Polyclonal Antibody (orb156462)

Catalog Number	orb156462
Category	Antibodies
Description	NALP3/CIAS1 Rabbit Polyclonal Antibody
Target	NLRP3
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Canine, Mouse, Rat
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthetic peptide derived from human Cryopyrin (15-120/1036aa)
UniProt ID	Q96P20

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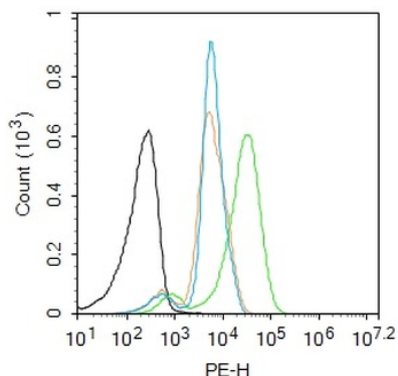
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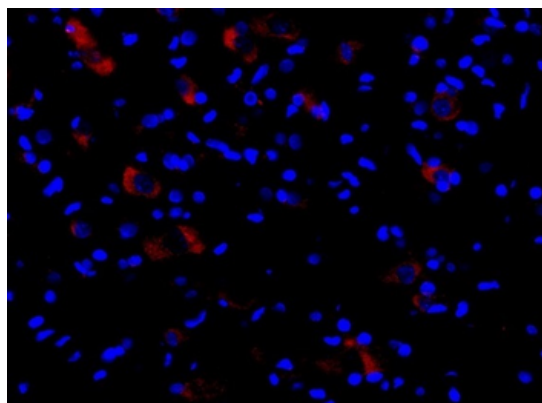
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MW	120 kDa
Tested applications	IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blank control: Jurkat. Primary Antibody (green line): Rabbit Anti-NALP3/CIAS1 antibody (orb156462), Dilution: 2 µg/10⁶ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-FITC, Dilution: 1 µg/Test. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



Formalin-fixed and paraffin embedded rat spinal cord tissue labeled with Rabbit Anti-Cryopyrin Polyclonal Antibody, Unconjugated (orb156462) at 1:300 followed by conjugation to a secondary antibody.

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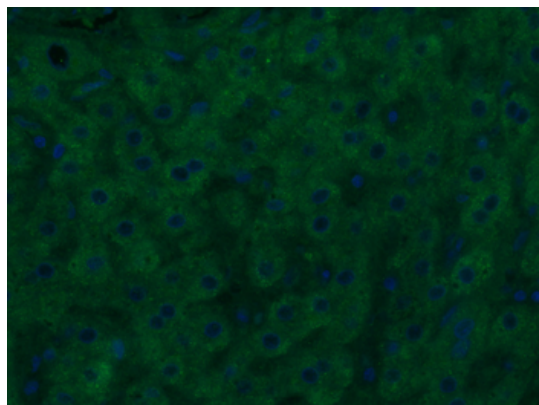
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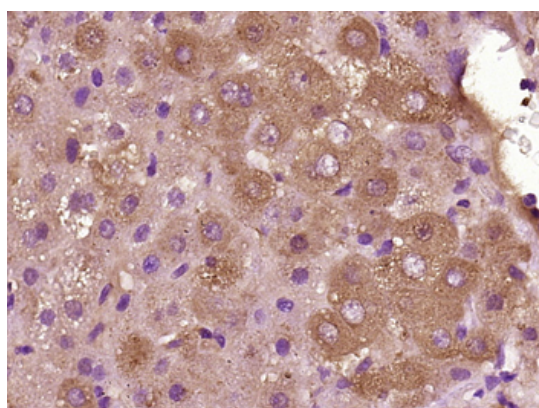
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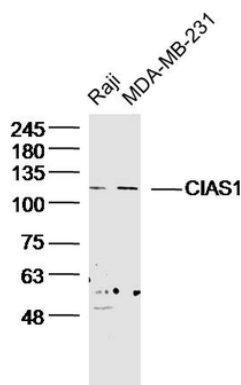
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Paraformaldehyde-fixed, paraffin embedded (Human liver cancer), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (NALP3/CIAS1) Polyclonal Antibody, Unconjugated (orb156462) at 1:400 overnight at 4°C, followed by a conjugated Goat Anti-Rabbit IgG antibody for 90 minutes, and DAPI for nuclei staining.



Paraformaldehyde-fixed, paraffin embedded (Human liver cancer), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (NALP3/CIAS1) Polyclonal Antibody, Unconjugated (orb156462) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Sample: Raji Cell (Human) Lysate at 30 ug, MDA-MB-231 Cell (Human) Lysate at 30 ug, Primary: Anti-CIAS1 (orb156462) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 114kD, Observed band size: 114kD.

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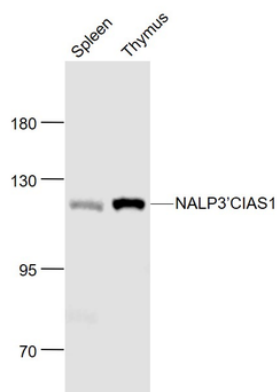
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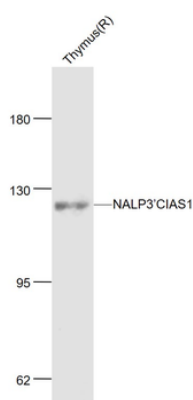
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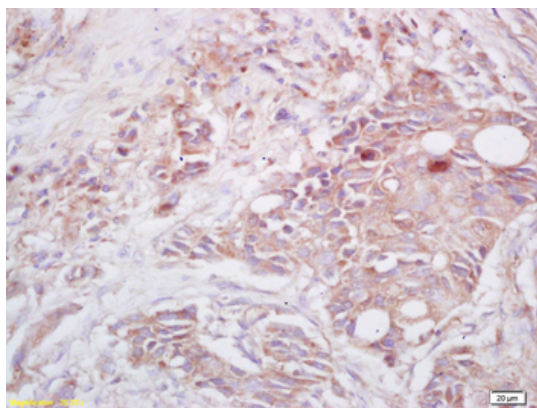
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Sample: Spleen (Mouse) Lysate at 40 ug, Thymus (Mouse) Lysate at 40 ug, Primary: Anti-NALP3'CIAS1 (orb156462) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 118 kD, Observed band size: 118 kD.



Sample: Thymus (Rat) Lysate at 40 ug, Primary: Anti-NALP3'CIAS1 (orb156462) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 118 kD, Observed band size: 120 kD.



Tissue/Cell: human lung carcinoma, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-Cryopyrin/CIAS1/NALP3 Polyclonal Antibody, Unconjugated (orb156462) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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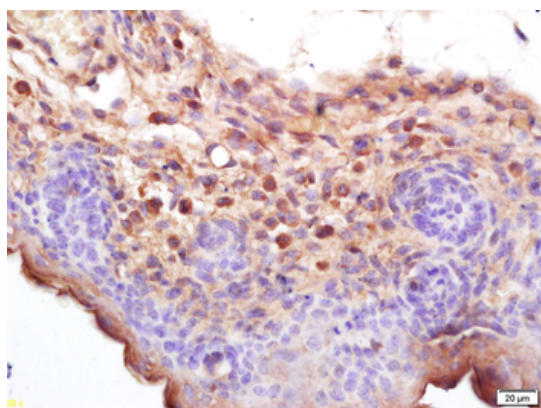
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Tissue/Cell: mouse embryo tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-Cryopyrin/CIAS1/NALP3 Polyclonal Antibody, Unconjugated (orb156462) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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